

## ABSTRACT

A neutralization apparatus 1 according to the present invention is a DC gas injection type neutralization apparatus which efficiently neutralizes a large subject to be neutralized at high speed without generating reverse electrification. Gas injection ports 60 are formed between plus electrodes 20 and minus electrodes 30. The plus electrodes 20 and the minus electrodes 30 respectively emit plus ions and minus ions toward gas flows from the gas injection ports 60, and the plus ions and minus ions reach the subject to be neutralized at high speed and neutralize the same.